

Form PTO-1390 (REV.11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEYS DOCKET NUMBER <b>RN02005</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (IF KNOWN) <b>10/502178</b>
INTERNATIONAL APPLICATION NO. <b>PCT/FR03/00177</b>	INTERNATIONAL FILING DATE <b>January 20, 2003</b>	PRIORITY DATE CLAIMED <b>January 21, 2002</b>	
<b>COIL FOR COOLANT CIRCULATION, METHOD FOR MAKING SAME AND REACTOR COMPRISING SAME</b>			
APPLICANT (S) FOR DO/EO/US: <b>Thierry NURIS, and Jean-François THIERRY</b>			
Applicant herewith submits the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and 24 indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c) (2)) <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been communicated by the International bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). "UNSIGNED"</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> <li><input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li><input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210)</li> </ol>			
Items 13 to 18 below concern document(s) or information included:			
<ol style="list-style-type: none"> <li><input type="checkbox"/> An information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Certificate of Mailing by Express Mail.</li> <li><input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PCT/IB/308 <input checked="" type="checkbox"/> Form PCT/IB/332 <input type="checkbox"/> Form PCT/ISA/210 French version <input checked="" type="checkbox"/> Form PCT/ISA/210 English Version</li> <li><input checked="" type="checkbox"/> Form PCT/IPEA/409 French Version <input type="checkbox"/> Form PCT/IPEA/409 Translation in English Language</li> <li><input checked="" type="checkbox"/> Form PCT/IPEA/416 French version <input type="checkbox"/> Form PCT/IPEA/416 English Version</li> </ol> </li> </ol>			
<input checked="" type="checkbox"/> <b>PCT/FR03/00177</b> as published			

U.S. APPLICATION NO. (IF KNOWN) <b>NOT APPLICABLE</b>		INTERNATIONAL APPLICATION NO. <b>PCT/FR03/00177</b>		ATTORNEYS DOCKET NUMBER <b>RN02005</b>	
--	--	--	--	---	--

24. The following fees are submitted:				<b>CALCULATIONS PTO ONLY</b>	
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b>					
<input type="checkbox"/>	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....		<b>\$1,040.00</b>		
<input checked="" type="checkbox"/>	International preliminary examination fee not paid to USPTO but International Search Report prepared by the EPO or JPO.....		<b>\$920.00</b>		
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search (37 CFR 1.4445 (a)(2)) fee paid to USPTO.....		<b>\$740.00</b>		
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....		<b>\$710.00</b>		
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(2)-(4).....		<b>\$100.00</b>		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$920.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				<b>\$0.00</b>	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total Claims	19 - 20 =	0	X \$18.00	<b>\$0.00</b>	
Independent Claims	1 - 3 =	0	X \$84.00	<b>\$920.00</b>	
Multiple Dependent Claims (Check if applicable)			<input type="checkbox"/>	<b>\$0.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$920.00</b>	
<input type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.127). The fees indicated above are reduced by 1/2.				<b>\$0.00</b>	
<b>SUBTOTAL =</b>				<b>\$920.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the +				<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$920.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable)			<input type="checkbox"/>	<b>\$0.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$920.00</b>	
				<b>Amount to be refunded</b>	<b>\$</b>
				<b>charged</b>	<b>\$</b>

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

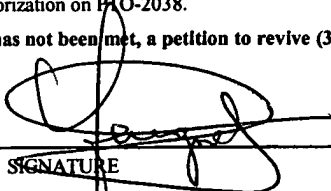
b. ☒ Please charge my Deposit Account No. **18-1171** in the amount of **\$920.00** to cover the above fees.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **18-1171**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

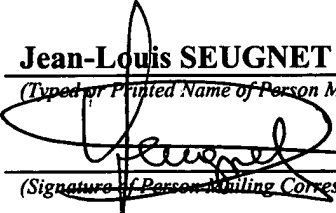
**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

<b>SEND ALL CORRESPONDANCE TO</b> <b>Jean-Louis SEUGNET</b> <b>RHODIA INC.</b> <b>259 Prospect Plains Road</b> <b>CN 7500</b> <b>CRANBURY, NJ 08512</b>	 <b>SIGNATURE</b> <b>Jean-Louis SEUGNET</b> <b>NAME</b> <b>Limited Recognition under 37 CFR § 10.9(b)</b> <b>REGISTRATION NUMBER</b> <b>July 21, 2004</b> <b>DATE</b>
--	--

10/502178

: DT03 Rec'd PCT/PTO 21 JUL 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. RN02005										
Applicant(s): Thierry NURIS, and Jean-François THIERRY													
Serial No. National Phase of PCT/FR03/00177 Intern Filing Date: 01/20/03	Filing Date To be assigned	Examiner To be assigned	Group Art Unit To be assigned										
COIL FOR COOLANT CIRCULATION, METHOD FOR MAKING SAME AND REACTOR COMPRISING SAME													
<p>I hereby certify that this</p> <p> <input checked="" type="checkbox"/> Transmittal letter sending documents referred to herein  <input checked="" type="checkbox"/> Specification with Abstract ( 16 pages)  <input checked="" type="checkbox"/> Drawings ( 4 pages)  <input checked="" type="checkbox"/> Declaration/Power of Attorney (2 pages)  <input type="checkbox"/> Information Disclosure Statement with copies of references  <input checked="" type="checkbox"/> Preliminary Amendment (6 pages)  <input checked="" type="checkbox"/> PCT/FR03/00177 as published  <input type="checkbox"/> Signed Assignment and Recordation Sheet  <input checked="" type="checkbox"/> Limited Recognition under 37 CFR § 10.9(b)  <input checked="" type="checkbox"/> Other:         </p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Form PCT/IB/308</td> <td><input checked="" type="checkbox"/> Form PCT/ISA/210 English Version</td> </tr> <tr> <td><input checked="" type="checkbox"/> Form PCT/IB/332</td> <td><input type="checkbox"/> Form PCT/IPEA/409 Translation in English</td> </tr> <tr> <td><input type="checkbox"/> Form PCT/ISA/210 French Version</td> <td><input type="checkbox"/> Form PCT/IPEA/416 English Version</td> </tr> <tr> <td><input type="checkbox"/> Form PCT/ISA/220 French Version</td> <td><input checked="" type="checkbox"/> Form PCT/IPEA/416 French Version</td> </tr> <tr> <td><input checked="" type="checkbox"/> Form PCT/IPEA/409 French Version</td> <td></td> </tr> </table>				<input checked="" type="checkbox"/> Form PCT/IB/308	<input checked="" type="checkbox"/> Form PCT/ISA/210 English Version	<input checked="" type="checkbox"/> Form PCT/IB/332	<input type="checkbox"/> Form PCT/IPEA/409 Translation in English	<input type="checkbox"/> Form PCT/ISA/210 French Version	<input type="checkbox"/> Form PCT/IPEA/416 English Version	<input type="checkbox"/> Form PCT/ISA/220 French Version	<input checked="" type="checkbox"/> Form PCT/IPEA/416 French Version	<input checked="" type="checkbox"/> Form PCT/IPEA/409 French Version	
<input checked="" type="checkbox"/> Form PCT/IB/308	<input checked="" type="checkbox"/> Form PCT/ISA/210 English Version												
<input checked="" type="checkbox"/> Form PCT/IB/332	<input type="checkbox"/> Form PCT/IPEA/409 Translation in English												
<input type="checkbox"/> Form PCT/ISA/210 French Version	<input type="checkbox"/> Form PCT/IPEA/416 English Version												
<input type="checkbox"/> Form PCT/ISA/220 French Version	<input checked="" type="checkbox"/> Form PCT/IPEA/416 French Version												
<input checked="" type="checkbox"/> Form PCT/IPEA/409 French Version													
<p>(Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, The Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, on:</p> <p><u>July 21, 2004</u> Date</p> <p><u>Jean-Louis SEUGNET</u> (Typed or Printed Name of Person Mailing Correspondence)</p> <p> (Signature of Person Mailing Correspondence)</p> <p><u>EV 288323065 US</u> (("Express Mail" Mailing Label Number)</p> <p><b>Note: Each Paper must have its own certificate of mailing.</b></p>													